

AMENDMENT TO THE CLAIMS

1-13. (Cancelled).

14. (Currently amended) A method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid comprising the steps of:

preparing a low dielectric constant plastic film having a specific dielectric constant of 1.2 to 3.0; and

forming an insulation part with said plastic film in a slot of an iron core included in said rotator.

15. (Currently amended) The method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid in accordance with claim 14, wherein said low dielectric constant plastic film is prepared by:

molding a thermoplastic resin composition containing a foaming agent or a foaming nucleuse; and

foaming said resin composition.

16. (Currently amended) The method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid in accordance with claim 14, wherein said low dielectric constant plastic film is prepared by laminating a base film having a low dielectric constant and an auxiliary film having a higher dielectric constant than said base film.

17. (Currently amended) The method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid in accordance with claim 14, wherein said low dielectric constant plastic film is a polyester film having pores therein.

18. (Currently amended) The method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid in accordance with claim 14, wherein said film has a pore volume ratio of 10 to 95 vol%.

19. (Currently amended) The method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid in accordance with claim 14, wherein said pores have a mean pore size of 0.1 to 10 μm .

20. (Currently amended) The method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid in accordance with claim 14, wherein said low dielectric constant plastic film is a fluorocarbon resin film.

21. (Currently amended) The method for producing a rotator of a compressor which uses a nonpolar refrigerant as a working fluid in accordance with claim 14, wherein said dielectric constant plastic film has a specific dielectric constant of 2.0 to 2.8.